

TRANSDUCER MEASUREMENT REQUEST SHEET

REQUESTNO. _____
CAL. REPORT NO. _____ (Not to be filled in by requestor)

SYSTEM INDENT. (SQS, BQS, etc.) _____

MODEL (DT, TR, XU, etc.) _____ MFG. _____

SERIALNUMBER (S) _____

ELEMENTTYPE

Magnetostrictive Piezoelectric Other _____

DOMESTYPE _____

ORIENTATION OF DOME FOR FREQUENCYRESPONSE MEASUREMENTS:

PROJECTNUMBER _____

DATE OF REQUEST _____

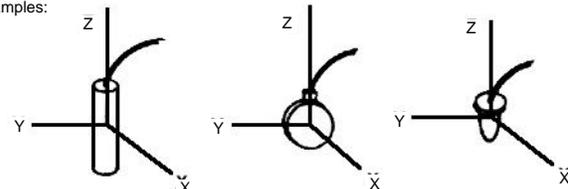
REQUIRED COMPLETION DATE _____

REQUESTOR (Name) _____

CODE _____ EXT. _____

REPORT REQUIRED YES NO

BOW STERN PORT STBD.

A. CHECK TYPE OF MEASUREMENT DESIRED:	Frequency or Frequency Range in kHz	REMARKS
<p><input type="checkbox"/> Receiving Voltage Sensitivity _____</p> <p><input type="checkbox"/> Transmitting Voltage Response _____</p> <p><input type="checkbox"/> Transmitting Current Response _____</p> <p><input type="checkbox"/> Other _____</p> <p>POLAR PATTERNS: <input type="checkbox"/> Receiving <input type="checkbox"/> Transmitting</p> <p>Axis of Rotation</p> <p><input type="checkbox"/> X</p> <p><input type="checkbox"/> Y</p> <p><input type="checkbox"/> Z</p> <p>Examples:</p>  <p>ADMITTANCE MEASUREMENTS:</p> <p><input type="checkbox"/> Air <input type="checkbox"/> B vs. G (f as parameter) <input type="checkbox"/> G vs. f</p> <p><input type="checkbox"/> Water <input type="checkbox"/> G vs. f</p> <p><input type="checkbox"/> Plot <input type="checkbox"/> Vector Amplitude & Phase</p> <p><input type="checkbox"/> Tabulate</p> <p>IMPEDANCE MEASUREMENTS:</p> <p><input type="checkbox"/> Air <input type="checkbox"/> X vs. R (f as parameter) <input type="checkbox"/> R vs. f</p> <p><input type="checkbox"/> Water <input type="checkbox"/> X vs. f</p> <p><input type="checkbox"/> Plot <input type="checkbox"/> Vector Amplitude & Phase</p> <p><input type="checkbox"/> Tabulate</p>		

B. ELECTRICAL INFORMATION:

1. Cable Type _____ (if other than 2-wire and shield, give color and wiring diagram)
2. Cable Termination Bare Leads Connector (Type) _____
3. Internal Calibration Resistor Value _____ ohms. **NOTE:** If Calibration resistor is NOT used, Receiving Sensitivity is a function of cable length and type
4. Internal hydrophone preamplifier YES NO GAIN _____ db. Supply voltage/current _____
5. Termination of signal leads Balanced Unbalanced Other _____
6. Termination of shield Ground Common Other _____
7. Is sea ground required at hydrophone/preamplifier cases? YES NO

C. TRANSDUCER HANDLING INFORMATION:

1. Rigging services will be obtained by requestor for transducers and associated equipment if required. DO NOT have units delivered until notified.
2. Approximate size _____ Shape _____ Weight _____
3. Cable length _____, Is Cable on a reel? YES NO Weight of Cable and Reel _____
4. Is adapter available for mounting to 6" or 12" diameter QC type flange? YES NO
5. If available, furnish sketch or photograph of unit.

D. DOCUMENTATION:

1. Distribution codes of calibration report: _____
2. Classification of calibration data: _____
3. Give any additional instructions required regarding details and presentation of data under Additional Remarks

E. ADDITIONAL REMARKS:

NOT TO BE FILLED IN BY REQUESTOR

Assigner Operator: _____ Date Measurements Started: _____
Date Measurements Completed: _____ Date Computations Completed: _____